

Take Test: Quiz 1.6

Test Information Description Instructions Multiple Attempts This test allows multiple attempts. Force Completion This test can be saved and resumed later.

QUESTION 1 1 points Saved

Which of the following best describes the unit step, $\mathbf{1}(t)$?

- Its integral over all time is 1
- O Infinite magnitude over an infinitesimally small time
- Has the value 0 for negative time, and the value 1 for positive time
- Has the value 1 for all time

QUESTION 2 1 points Saved

Which of the following best describes the impulse, $\delta(t)$? (More than one answer may be correct.)

- Infinite magnitude over an infinitesimally small time
- Its integral over all time is 1

		1 points	Saved
Which of the following signals are than one answer may be correct.)	typical test signal	s? (More	
Question Completion Status:			
1			
$e^{-at}1(t)$ $1(t)$			
QUESTION 4		1 points	Saved
Which of the following statements answer may be selected.) Test signals are useful because:	are correct? (Mo	re than	
They can be used to quantify a	ctuator and senso	or	
They can be used to quantify ac sensitivity			
	nmon characteris	tics that	
sensitivity They can be used to define com			
They can be used to define condescribe system response	ign of control sys	tems	